

Re: UC - EPA vermiculite data request - response 11122010

Eric Borton to: Benson.Bob

12/01/2010 08:05 AM

From: Eric Borton <eric.borton@uc.edu>

To:

Cc: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>, "Borton, Eric (bortonek)" <BORTONEK@UCMAIL.UC.EDU>, "brattin@srcinc.com" <brattin@srcinc.com>, "Lemasters, Grace (lemastgj)" <LEMASTGJ@ucmail.uc.edu>, "Lockey, James (lockeyje)" <lockeyje@UCMAIL.UC.EDU>, "Rice, Carol (ricech)" <ricech@ucmail.uc.edu>

Bob,

Attached is the updated CHEEC (Table 4, N=280), new CHEEC to 1980 (Table 8, N=513), X-ray outcomes in 1980 (Table 9, N=513) and corrected year 1977 exposure matrix (Table 4).
Eric

On 11/29/2010 10:42 AM, Benson.Bob@epamail.epa.gov wrote:

> Thank you for the clarification on 17352 and 17847 and the information

> on x-ray improvements.

>

> Can you provide an estimate of when the 1980 CHEEC values will be available? We are scheduled to do a briefing for Superfund management in

> DC next week.

>

>

>

>

> From: "Hilbert, Timothy (hilbertj)"<HILBERTJ@UCMAIL.UC.EDU>

> To: Bob Benson/R8/USEPA/US@EPA

> Cc: "brattin@srcinc.com"<brattin@srcinc.com>, "Borton, Eric

> (bortonek)"<BORTONEK@UCMAIL.UC.EDU>, "Lockey, James

> (lockeyje)"<lockeyje@UCMAIL.UC.EDU>, "Lemasters,

Grace

> (lemastgj)"<LEMASTGJ@ucmail.uc.edu>, "Rice, Carol

(ricech)"

> <ricech@ucmail.uc.edu>

> Date: 11/24/2010 06:11 AM

> Subject: RE: UC - EPA vermiculite data request - response
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>
>
>
> Bob,
>
> The two workers 10395 and 14061 had X-rays at the time of their
hire so
> your modification of the X-ray date to 6/1/80 is fine.
>
> There were no data entry errors regarding 17352 and 17847. We
don't
> have their x-rays or B-reader forms from 1980 so all we know is
the
> diffuse/discrete determination. However, the 2004 B-reader forms
for
> 17352 indicate pleural changes that could easily have been marked
as
> diffuse pleural thickening (in fact, 1 of the 3 readers did so).
We
> believe 17352 still has the same pleural changes that were called
> diffuse pleural thickening in 1980. Regarding 17847...the
discrete
> changes from 1980 could have been an over-call or the 2004 could
have
> been an under-call. In any case, he is no longer positive.
>
> There were no technological improvements in radiographic
equipment
> between 1980 and 2004 that would have a substantially impact on
the
> readings. There also were no differences in overall film quality
that
> would have a substantial impact on the readings.
>
> We will get back to you shortly regarding 1980 CHEEC values.
>
> Thanks
> Tim
>
>
>
>
> -----Original Message-----

> From: Benson.Bob@epamail.epa.gov
[mailto:Benson.Bob@epamail.epa.gov]
> Sent: Monday, November 15, 2010 3:43 PM
> To: Borton, Eric (bortonek)
> Cc: brattin@srcinc.com; Hilbert, Timothy (hilbertj)
> Subject: Re: UC - EPA vermiculite data request - response
11122010
>
> It turns out that we also need the CHEEC calculation as of the
date of
> x-ray in 1980. We suggest using the CHEEC as of 05/31/1980 to
match the
> seasonal work schedule.
>
> You can either do the full 513 or re-do only those with asbestos
other =
> 0 and job-stop>06/01/1980. Your choice. My count shows the
later to
> be n = 271.
>
> I hope this will be our final request for data. We are getting
close to
> an exposure-response model that we think will work.
>
> We noted there were two workers (#10395 and #14061) who were not
hired
> until 06/01/1980, but were included in the 513, so we modified
the x-ray
> date to 06/01/1980. Please check the records for the hire dates
for
> these two.
>
> We also noted two discrepancies when comparing the health
endpoint in
> 1980 versus 2004. See list below.
> #17352 diffuse in 1980; no radiographic change in 2004
> #17847 discrete in 1980, no radiographic change in
2004
> Please check whether there is a data entry error or a difference
in
> diagnosis by the readers.
>
> When we were talking with NCEA last week a question came up about
the
> quality of the films and x-ray equipment in 2004 versus 1980.

This is a
> question for Jim:
> Were there improvements made between 1980 and 2004
that
> would have
> a substantial effect on the reliability of the diagnosis in 1980?
>
>
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> .
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- Tables and Figure 12012010.xlsx